Title (en)

AEROSOL OINTMENT COMPOSITIONS AND METHOD OF MANUFACTURE

Title (de)

AEROSOL IN SALBEFORM UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

COMPOSITIONS AEROSOL COMPRENANT UN ONGUENT ET LEUR PROCEDE DE PREPARATION

Publication

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Application

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Abstract (en)

[origin: WO0023051A1] Aerosol ointment compositions are provided that, when a deposit is expelled from an aerosol container containing the composition onto damaged tissue, there is applied to the tissue a cold ointment which exerts a cooling pain relief effect and a medicinal therapeutic effect on the tissue. Examples of typical ointments of the invention are those for the temporary relief of hemorrhoids, treatment of sunburn and relief from arthritic pain. A method is provided for the manufacture of an aerosol ointment composition that is capable of expelling from an aerosol container an ointment that exerts on damaged tissues both a pain relieving cooling effect and a medicinal therapeutic effect. The aerosol composition enhances the therapeutic action of an ointment by instantly producing a sustained cooling effect which provides fast relief from pain and itching as well as a tendency to shrink swollen, inflamed tissue in advance of the slower action of any medication present in the ointment. The aerosol composition consists of from about 10 to about 60 percent by weight of ingredients of an ointment that is an oil-in-water emulsion and from about 40 to about 90 percent by weight of liquefied propellant that is predominantly a non-polar propellant. The sum of the ointment ingredients and the propellant equals 100 percent by weight of the composition.

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